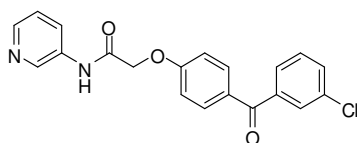




Certificate of Analysis

Axon Catalogue ID: 3032 **Batch Number:** 1
Product Name: LUF7244
Alternative Name(s): N.A.
IUPAC Name: 2-(4-(3-Chlorobenzoyl)phenoxy)-N-(pyridin-3-yl)acetamide

Structure:



Amount:

CAS number(s): 1821638-43-0
Molecular Formula: C₂₀H₁₅ClN₂O₃ **Molecular Weight:** 366.80
Batch Molecular Formula: C₂₀H₁₅ClN₂O₃·0.25H₂O **Batch Molecular Weight:** 371.30
Appearance: Off-white solid **Observed mp:** 139.1 - 142.8 °C
TLC (R_f): 0.3 EtOAc (100%)
Chemical Purity: 98.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.70, H 4.21, N 7.54; Found: C 64.69, H 3.99, N 7.33
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	37.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 17-06-2020

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only